



M 6.4, 26 km SW of Pocito, Argentina

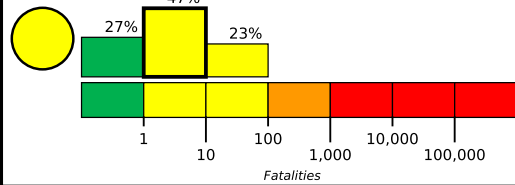
Origin Time: 2021-01-19 02:46:22 UTC (Mon 23:46:22 local)

Location: 31.8304° S 68.8059° W Depth: 20.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 1 week, 5 days after earthquake

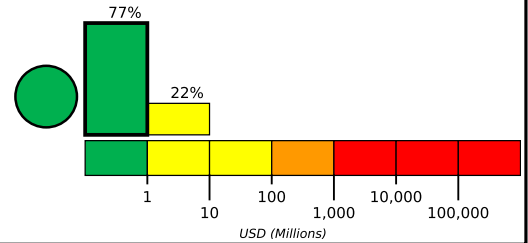
Estimated Fatalities



Yellow alert for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert for economic losses. There is a low likelihood of damage.

Estimated Economic Losses

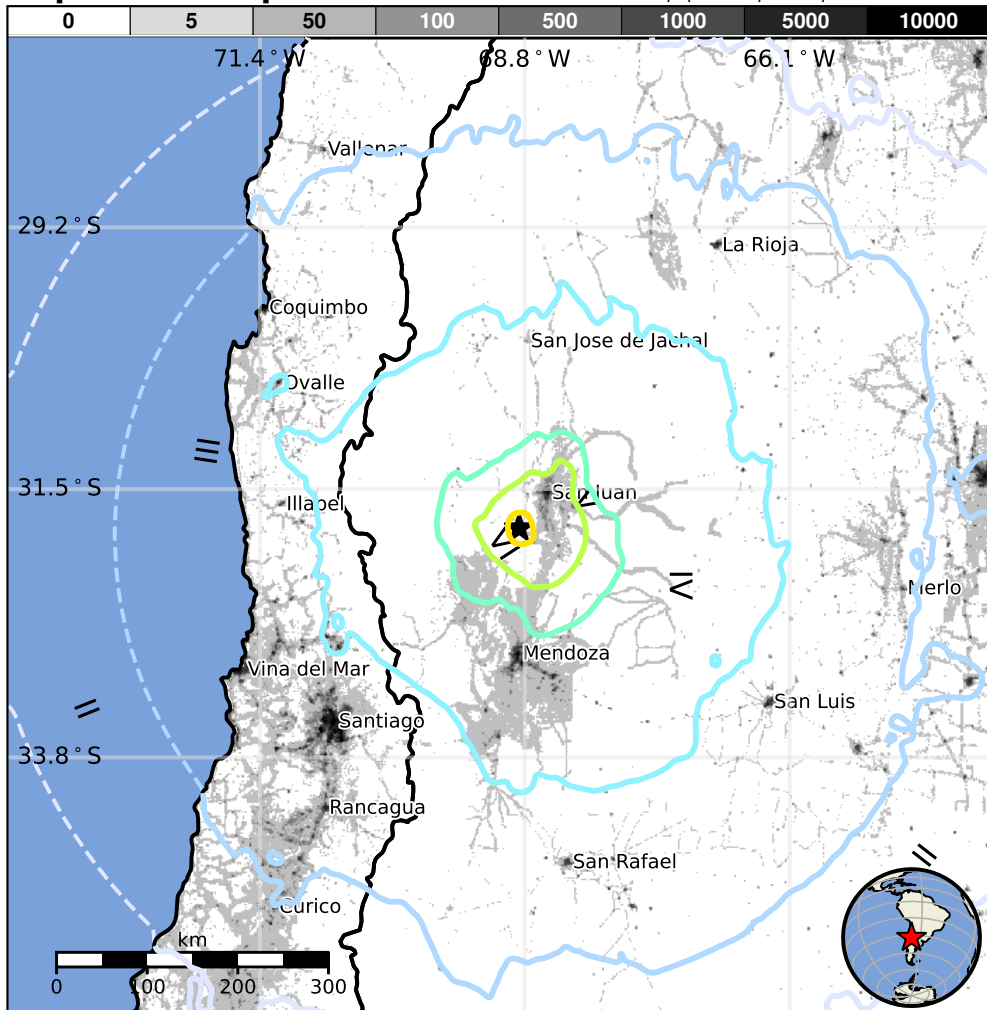


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		634k*	14,120k*	3,575k	295k	672k	3k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-01-26	143	5.9	VIII(38k)	6
1997-10-15	246	7.1	VIII(3k)	7
1985-03-03	313	7.9	VII(5,319k)	177

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Pocito	41k
VI	Villa Aberastain	<1k
VI	San Juan	447k
VI	Villa Basilio Nievas	4k
VI	Villa Krause	<1k
VI	Santa Lucia	44k
IV	Mendoza	877k
IV	Santiago	4,837k
III	Cordoba	1,428k
III	Valparaiso	282k
I	Santiago del Estero	355k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000d18q#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000d18q